

Inventor: Jones, et al.
Title: Flipper Arm Ejector

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Abstract

2 Apparatuses and methods for deflecting a product from a distribution conveyor of a product
3 determination and separation line are provided. Ejectors are positioned along a conveyor and are
4 selectively activated and deactivated to result in deflection of product from the conveyor into a
5 desired bin or other storage location. A flipper arm of the ejector is positioned to at least partially
6 overlap the surface of the conveyor belt to reduce wear and ravel of the conveyor belt. An actuator
7 which rotates the flipper arm is positioned above the conveyor to allow for easy cleaning and
8 maintenance. The ejector is releasably and pivotally connected to the frame of the conveyor to allow
9 for further ease of cleaning and maintenance.

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